DOCUMENT RESUME

ED 076 168 HE 004 308

TITLE	An Appraisal of the Quality of Education Received by the 1972 Seniors at the Six Colleges and Universities Under the Kansas Board of Regents. Planning Report 4.
INSTITUTION	Kansas State Master Planning Commission, Topeka.
SPONS AGENCY	Bureau of Higher Education (DHEW/OE), Washington, D.C. Div. of Academic Facilities.
PUB DATE	Aug 72
NOTE	31p.
EDRS PRICE	MF-$0.65 HC-$3.29
DESCRIPTORS	*College Students; Educational Improvement; Educational Needs; *Educational Quality; Evaluation; Evaluation Criteria; *Higher Education; Questionnaires; Research; Research Projects; *Student Evaluation; *Teaching Quality
IDENTIFIERS	*Kansas

ABSTRACT

This study summarizes the responses to a 90-item questionnaire of 1972 seniors who attended the 6 Kansas colleges and universities under the Board of Regents. The questionnaire was designed to appraise the quality of education received by these seniors. Results indicated positive feelings about the education and training received during the time the students attended these institutions. Additional findings and responses to each questionnaire item are included. A related document is HE 004 075. (MJM)

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ED 076168

AN APPRAISAL OF THE QUALITY OF EDUCATION RECEIVED BY THE 1972 SENIORS AT THE SIX COLLEGES AND UNIVERSITIES UNDER THE KANSAS BOARD OF REGENTS

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MASTER PLANNING COMMISSION

Planning Report Number 4
August, 1972

HE 004 301

MASTER PLANNING COMMISSION

The Master Planning Commission on Kansas education created by the 1970 Kansas Legislature, met for the first time in April, 1970, in Topeka. Its mission is to prepare the first phase of an educational master plan for Kansas. Such master plan is to outline the goals and objectives of education in Kansas and the first phase shall consist of two parts:

> Middle level public education--the area between the elementary-secondary school system and the four-year college and university, and
>
> Private education at two-year and four-year colleges and universities.

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This project supported in part by the State Education Commission with funds from the Higher Education Facilities Comprehensive Planning Grant program administered by the Division of Academic Facilities of the U.S. Office of Education.

PREFACE

The Master Planning Commission Report Number 3 (Student Needs, Aspirations, and Accomplishments: Essential Ingredients in State Planning for Postsecondary Education) summarized eleven surveys. This study is an extension of that report and summarizes the responses of the 1972 seniors, who attended the six Kansas colleges and universities under the Board of Regents, to a ninety-item questionnaire.

The present study reported herein was planned and implemented by Dr. Kenneth E. Anderson, Master Planning Commission Executive Director. He was assisted by Dr. Jerry Hutchison and John P. Hanna. Dr. Donald P. Hoyt of Kansas State University made valuable suggestions relative to the Inquiry employed in the study.

Questions concerning detailed data not reported herein should be directed to Dr. Anderson.

Wilbur T. Billington, Chairman
Master Planning Commission

Introduction

In educational planning, the needs and aspirations of the students that the educational system is to serve are of major importance. In creating the Kansas Master Planning Commission, the State Legislature recognized this factor by specifically charging the Commission with the task of projecting ". . . the educational needs of Kansas students . . . in this middle educational level through the mid 1980's."[1] This task was completed and the results appeared in Planning Report Number 3 published in March of 1972 under the title of: Student Needs, Aspirations, and Accomplishments: Essential Ingredients in State Planning for Post-secondary Education.

The original charge to the Master Planning Commission did not include consideration of the six state colleges and universities under the Board of Regents. In April of 1972, the charge was enlarged to include these six institutions. In viewing the previous survey studies completed, it was judged that one ingredient was missing, namely: an appraisal by the students in these colleges and universities of the education they had received. As a consequence, two survey instruments were developed:

1. INQUIRY TO 1972 SENIORS ATTENDING THE SIX KANSAS COLLEGES AND UNIVERSITIES UNDER THE BOARD OF REGENTS.
2. INQUIRY TO THE 1967 GRADUATES OF THE SIX KANSAS COLLEGES AND UNIVERSITIES UNDER THE BOARD OF REGENTS.

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[1] Kansas Legislature, Senate Concurrent Resolution Number 40, Kansas State Printing Office, 1970.

The first inquiry was mailed out to a ten percent random sample about three weeks before the close of the 1971-72 school year. Table 1 shows the percentage of returns from the six colleges and universities.

TABLE 1

NUMBER AND PERCENTAGE OF SENIOR QUESTIONNAIRES RETURNED

College or University	Number Mailed	Number Returned	Percentage Returned
1. Fort Hays Kansas State College, Hays	112	70	62.50
2. Kansas State College of Pittsburg, Pittsburg	140	73	52.14
3. Kansas State Teachers College, Emporia	134	75	55.97
4. Kansas State University, Manhattan	270	183	67.78
5. University of Kansas, Lawrence	368	190	51.63
6. Wichita State University, Wichita	136	82	60.29
Total	1160	673	58.02

The second Inquiry is now in the mail to a twenty percent random sample of the 1967 baccalaureate recipients of the six state colleges and universities. The results of this study will be made public in the near future.

The Results

Table 2 shows the responses of the 1972 seniors for the six colleges and universities as a group to the ninety items of the Inquiry. Separate compilations were made for each school and these were made available to the: (1) Master Planning Commission, (2) Board of Regents, and (3) Presidents and Chancellor of the six institutions. The latter group was informed that each school was free to use the results in whatever way desired with the faculty, alumni, and townspeople.

Although an examination of the results for each item in Table 2 is worthwhile, the following statements are intended to highlight the responses of the seniors.

1. About 56 percent of the seniors came directly to these state schools from high school and another 21 percent came to these schools from a junior college.

2. About 21 percent of the seniors attended a Kansas community junior college before entering these state schools and about 52 percent of these seniors had received an associate of arts degree.

3. About 46 percent of those who had attended a junior college regarded their preparation for work in these state schools as "very good" or "superior," whereas only about 19 percent regarded their preparation as "very inferior" or "inferior."

4. About 50 percent of the seniors said they had attended these state schools for at least eight semesters and the balance had attended these state schools less than eight semesters.

5. About 29 percent of the seniors indicated that their fathers had one or more college degrees and about 21 percent reported the same for their mothers.

6. About 25 percent of the seniors estimated the yearly income of the parental family to be in the bracket ranging from $10,000 to $15,000. About 31 percent reported the yearly income of the parental family to be below $10,000 and another 31 percent reported it to be above $15,000.

7. About 50 percent of the seniors said they intend to continue their education at the graduate level and of these about 66 percent said they plan to attend a public state college or university. About 29 percent indicated that they were "undecided" regarding additional education beyond the four-year level.

8. About 40 percent of the seniors said they intend to obtain a master's degree and another 18 percent said they intend to obtain a degree higher than the master's degree.

9. About 62 percent of the seniors indicated they plan "definitely" or "probably" to work in Kansas after graduation, whereas the percentage for "probably not" or "definitely not" was about 38.

10. About 55 percent of the seniors said they plan "definitely" or "probably" to be involved in community service, local government, or other kinds of civic leadership or responsibility. About 45 percent responded to this item with "probably not" or "definitely not."

11. About 95 percent of the seniors said they "definitely" or "probably" intend to continue active learning on an independent basis.

12. About 94 percent of the seniors said they "definitely" or "probably" will be committed to achieving as much professional excellence as their talents will permit.

13. About 73 percent of the seniors said they "definitely" or "probably" will be involved in individual or group efforts to correct social injustices, whereas about 28 percent responded to this item with "probably not" or "definitely not."

14. The seniors were asked to rate their colleges or universities on a five-point scale for sixteen items. The first percentage following each item indicates "very good" or "superior" and the second percentage indicates "very inferior" or "inferior."

A. Counseling opportunities with regard to problems of a personal nature: 14 percent and 18 percent.

B. Counseling opportunities with regard to academic problems: 26 percent and 26 percent.

C. Extra-curricular life offered by the institution: 44 percent and 11 percent.

D. Career placement services: 29 percent and 17 percent.

E. Financial aid services: 29 percent and 14 percent.

F. Intramural opportunities: 44 percent and 5 percent.

G. Convocation-speaker programs: 44 percent and 10 percent.

H. Food services provided by the institution: 22 percent and 17 percent.

I. Accommodations in college or university supervised living quarters: 20 percent and 11 percent.

J. Provisions regarding health services: 29 percent and 24 percent.

K. Major area of study in terms of depth of study available: 54 percent and 13 percent.

L. Major area of study in terms of quality of education afforded: 55 percent and 12 percent.

M. General education: 41 percent and 7 percent.

N. Opportunities to take electives of personal interest or value: 39 percent and 16 percent.

O. Opportunity to receive individual assistance with a course: 39 percent and 23 percent.

P. Degree to which learning was integrated: 30 percent and 18 percent.

In terms of the sixteen items, the reactions of the seniors were more positive than negative on fourteen of the items or a greater percentage of the seniors used the ratings "very good" or "superior" than was the case with the ratings "very inferior" or "inferior."

15. About 32 percent of the seniors rated the library holdings of the colleges and universities as "very adequate" for study in their major while 23 percent used the rating "inadequate."

16. About 38 percent of the seniors rated the library holdings as "very adequate" for study in general education while 15 percent used the rating "inadequate."

17. The seniors were asked to describe the psychological climate or atmosphere of their colleges and universities using a three-point scale for seven items. The first percentage following an item is for the term "quite descriptive" and the second percentage is for the term "not descriptive." The percentages for the seven items are:

A. Intellectual: 21 percent and 16 percent.

B. Snobbish: 7 percent and 65 percent.

C. Social: 34 percent and 11 percent.

D. Practical or realistic: 41 percent and 11 percent.

E. Friendly: 56 percent and 7 percent.

F. Conforming: 36 percent and 13 percent.

G. Dedicated: 22 percent and 14 percent.

18. The seniors were asked to respond to seven items pertaining to instruction and governance using a four-point scale. The first percentage following an item is for the percentage of students using the terms "definitely true" or "more true than false" and the second percentage is for the terms "more false than true" or "definitely false." The percentages for the seven items are:

A. Students are under pressure to get high grades: 68 percent and 32 percent.

B. Student body is apathetic: 61 percent and 40 percent.

C. Classes are run in a very informal manner: 63 percent and 37 percent.

D. The faculty members are highly competent: 84 percent and 16 percent.

E. Teaching is a low-priority item among faculty members: 23 percent and 77 percent.

F. There are frequent "rap sessions" among students about the content of courses: 62 percent and 38 percent.

G. Students have no important voice in setting policies which directly affect them: 49 percent and 51 percent.

19. About 28 percent of the seniors had a "major concern" about financing their education while 28 percent had "no concern."

20. The seniors were asked to indicate the contribution of nine sources for defraying the expenses of their education using a three-point scale. In terms of "major source" of expenses, the rank order of the nine items were:

1. Parental or family aid: 52.1 percent.
2. Summer work: 51.3 percent.
3. Work during the school year: 30.9 percent.
4. Personal savings: 26.4 percent.
5. Repayable loans: 23.8 percent.
6. Spouse's earnings: 18.5 percent.
7. Scholarships, grants, and gifts: 12.9 percent.
8. Veteran's Administration: 8.9 percent.
9. Tuition exemption: 1.5 percent.

21. The seniors were asked to describe the preparation they received at the colleges and universities relative to seventeen items concerned with competencies, skills, and understandings using a three-point scale. The first percentage following an item is for the percentage of students using the term "strong" and the second percentage is for the term "weak." The percentages for the seventeen items are:

A. A broad experience in the humanities: 21 percent and 21 percent.

B. Competence in the arts of communication: 20 percent and 20 percent.

C. Introduction to natural science: 27 percent and 15 percent.

D. Introduction to social science: 26 percent and 14 percent.

E. Training in laboratory technique: 22 percent and 32 percent.

F. Ability to understand and use mathematical concepts: 22 percent and 29 percent.

G. Awareness of and appreciation for the aesthetic aspects of life: 27 percent and 23 percent.

H. Motivation and ability to work independently: 41 percent and 15 percent.

I. Total development as an individual: 30 percent and 13 percent.

J. Understanding the role that the sciences play in creating and solving human problems: 26 percent and 20 percent.

K. Understanding the role that the social sciences play in creating and solving human problems: 27 percent and 19 percent.

L. Gaining a theoretical and factual background as preparation for the world of work: 27 percent and 20 percent.

M. Developing skills and competencies which are needed to perform specific jobs: 26 percent and 24 percent.

N. Developing a sense of professional identification in some professional or occupational group: 33 percent and 24 percent.

O. Understanding yourself: 35 percent and 14 percent.

P. Developing interpersonal competencies: 22 percent and 12 percent.

Q. Developing a personal sense of responsibility for reducing social problems or injustices: 23 percent and 21 percent.

22. The seniors were asked to respond to three questions pertaining to financial support for the colleges and universities. Response to the three items were:

1. About 93 percent of the seniors felt the State of Kansas should provide more state aid for the colleges and universities.
2. About 57 percent of those replying "yes" to the previous question felt that the aid should be given by some formula which takes into account the proportion of Kansans enrolled in these institutions.
3. About 82 percent of the seniors felt that the State of Kansas should provide special funds to reduce student fees for Kansas residents who can demonstrate financial need.

23. About 89 percent of the seniors felt they had had an inspirational teacher who was a recognized teacher of excellence in his or her field.

24. About 39 percent of the seniors rated the town (in which the school is located) and its people as to friendliness and consideration of students' needs as "considerably above average" or "somewhat above average" while 31 percent used the descriptions "considerably below average" and "somewhat below average."

25. The seniors who spent their first and second year at these colleges and universities were asked to compare the teaching assistants they had with regular faculty members. About 21 percent used the terms "superior" or "very good" and about 29 percent used the terms "very inferior" or "inferior." About 15 percent of the seniors did not know if they had had a teaching assistant for an instructor.

Summary

It is apparent from the statements intended to highlight the results and the data in Table 2, that the 1972 seniors in the six state colleges and universities under the Board of Regents had positive feelings about the education and training they had received during the time they had attended these institutions.

It must be pointed out that not only did the students feel that the faculty members were competent in their fields but also that teaching was not a low-priority item among the faculty members.

It was also evident from the results that a goodly portion of the seniors planned on leaving the State of Kansas for work after graduation. Some of these were, of course, out-of-state students.

A goodly portion of the seniors said they will be involved in efforts to correct social injustices which indicates that the instruction received and the contact with other students and faculty members was operational in the "affective" domain.

It was evident from the findings that counseling with regard to personal and academic problems could stand improvement.

Since three-fourths of the seniors said they had had a "major concern" or "some concern" about finances, any lessening of financial aid to students would not be in order.

Almost all the seniors felt that the state's contribution to the colleges and universities needs to be increased and that aid to needy students should be augmented.

Although it is not apparent from Table 2, sharp differences in response to many of the items in the questionnaire existed

among the six schools. For example, it was evident that the six colleges and universities cater to somewhat different student populations and that some of the institutions were deficient on several items when compared with the group of six schools as a whole. The results of this study, therefore, might be used to upgrade some areas of endeavor in some or all of the schools.

TABLE 2

RESPONSES OF THE 1972 SENIORS TO 90 ITEMS

Questionnaire Item	N	%
1. What is your sex?		
1 - Male	377	56.0
2 - Female	296	44.0
2. The college or university I am attending is:		
1 - Fort Hays Kansas State College (Hays)	70	10.4
2 - Kansas State College of Pittsburg (Pittsburg)	73	10.8
3 - Kansas State Teachers College (Emporia)	75	11.1
4 - Kansas State University (Manhattan)	183	27.2
5 - University of Kansas (Lawrence)	190	28.2
6 - Wichita State University (Wichita)	82	12.2
3. Did you graduate from a Kansas high school?		
1 - Yes	537	79.9
2 - No	135	20.1
4. Regardless of your answer to question 3, how many students were in your high school graduating class?		
1 - Under 100	225	33.5
2 - 100 - 199	103	15.4
3 - 200 - 499	141	21.0
4 - 500 - 999	162	24.1
5 - 1,000 and over	40	6.0
5. Where did you receive your most recent formal educational experience prior to your enrollment in this college or university?		
1 - High school	378	56.2
2 - A junior college	142	21.1
3 - A four-year college or university	116	17.2
4 - Some other training school	7	1.0
5 - Military training	30	4.5
6. Did you attend a Kansas Community Junior College before entering this college or university?		
1 - Yes	139	20.7
2 - No	534	79.3
7. If your answer to question 6 was yes, did you receive an associate of arts or similar two-year degree?		
1 - Yes	84	51.9
2 - No	78	48.1

TABLE 2 (continued)

Questionnaire Item	N	%
8. If you attended a junior college, how would you rate the educational opportunities it offered in regard to preparation for work at this college or university?		
1 - Very inferior	7	4.0
2 - Inferior	26	15.0
3 - Good	61	35.3
4 - Very good	63	36.4
5 - Superior	16	9.2
9. How many semesters have you attended this college or university?		
1 - One semester	3	0.5
2 - Two semesters	25	3.8
3 - Three semesters	17	2.6
4 - Four semesters	97	14.7
5 - Five semesters	34	5.2
6 - Six semesters	104	15.8
7 - Seven semesters	48	7.3
8 - Eight semesters	330	50.1
10. How old were you on September 1, 1971?		
1 - 20 or less	161	24.0
2 - 21	293	43.6
3 - 22	79	11.8
4 - 23	29	4.3
5 - 24	36	5.4
6 - 25	15	2.2
7 - 26 - 30	31	4.6
8 - 31 or older	28	4.2
11. What is the highest level of formal education attained by your father?		
1 - Junior high or less	85	12.7
2 - Some high school	54	8.0
3 - High school graduate	193	28.8
4 - Some college	148	22.1
5 - College degree	122	18.2
6 - Postgraduate degree	69	10.3
12. What is the highest level of formal education attained by your mother?		
1 - Junior high or less	49	7.3
2 - Some high school	42	6.3
3 - High school graduate	266	39.6
4 - Some college	176	26.2
5 - College degree	116	17.3
6 - Postgraduate degree	22	3.3

TABLE 2 (continued)

Questionnaire Item	N	%
13. What is your best estimate of the total income of your parental family (not your own family if you are married)? Consider annual income from all sources before taxes.		
1 - Under $6,000	64	9.8
2 - $ 6,000 - $ 7,999	46	7.1
3 - $ 8,000 - $ 9,999	92	14.1
4 - $10,000 - $14,999	163	25.0
5 - $15,000 - $19,999	85	13.0
6 - $20,000 - $24,999	61	9.4
7 - $25,000 - $29,999	23	3.5
8 - $30,000 or more	34	5.2
9 - I consider this information confidential	84	12.9
14. What is your average grade in college or university work thus far?		
1 - A or A+	30	4.5
2 - A-	72	10.9
3 - B+	99	15.0
4 - B	122	18.4
5 - B-	153	23.1
6 - C+	124	18.7
7 - C	49	7.4
8 - D	3	0.5
9 - I consider this information confidential	10	1.5
15. After you complete your work in this college or university, do you intend to continue your education at the graduate level?		
1 - Yes	325	49.6
2 - No	330	50.4
16. If your answer to question 15 was yes, what kind of school will you attend?		
1 - Public state college	45	13.2
2 - Public state university	180	52.6
3 - Private college	6	1.8
4 - Private university	12	3.5
5 - Undecided	99	28.9

TABLE 2 (continued)

Questionnaire Item	N	%
17. What is the highest academic degree you intend to obtain?		
1 - None	3	0.5
2 - Associate of Arts (or equivalent)	5	0.8
3 - Bachelor's degree (B.A., B.S., etc.)	260	40.6
4 - Master's degree (M.A., M.S., etc.)	258	40.3
5 - Doctor of Philosophy or Doctor of Education	51	8.0
6 - Doctor of Medicine, Doctor of Dental Surgery, or Doctor of Veterinary Medicine	31	4.8
7 - Bachelor of Law, Doctor of Law, or Doctor of Jurisprudence	22	3.4
8 - Bachelor of Divinity	1	0.2
9 - Other	9	1.4
If your answer to question 15 was no, answer items 18 to 22 using the code following each item.		
18. Do you plan to work in Kansas after graduation?		
1 - Definitely	85	23.7
2 - Probably	139	38.7
3 - Probably not	94	26.2
4 - Definitely not	41	11.4
19. After graduation, do you plan to be involved in community service, local government, or other kinds of civic leadership or responsibilities?		
1 - Definitely	51	14.2
2 - Probably	145	40.5
3 - Probably not	145	40.5
4 - Definitely not	17	4.7
20. After graduation, is it your intention to continue active learning on an independent basis?		
1 - Definitely	219	61.2
2 - Probably	121	33.8
3 - Probably not	17	4.7
4 - Definitely not	1	0.3

TABLE 2 (continued)

Questionnaire Item	N	%
21. After graduation and as you move into the world of work, will you be committed to achieving as much professional excellence as your talents will permit?		
1 - Definitely	250	70.6
2 - Probably	83	23.4
3 - Probably not	19	5.4
4 - Definitely not	2	0.6
22. After graduation and as you move into a community, will you be involved in individual or group efforts to correct social injustices?		
1 - Definitely	73	20.5
2 - Probably	185	52.0
3 - Probably not	96	27.0
4 - Definitely not	2	0.5
Rate your college or university on items 23 to 38 using the code following each item.		
23. Counseling opportunities with regard to problems of a personal nature.		
1 - Very inferior	31	4.6
2 - Inferior	90	13.5
3 - Good	146	21.8
4 - Very good	68	10.2
5 - Superior	24	3.6
6 - I have had too little experience to make a judgment	310	46.3
24. Counseling opportunities with regard to academic problems.		
1 - Very inferior	31	4.6
2 - Inferior	141	21.0
3 - Good	230	34.2
4 - Very good	134	19.9
5 - Superior	43	6.4
6 - I have had too little experience to make a judgment	93	13.8

TABLE 2 (continued)

Questionnaire Item	N	%
25. Extra-curricular life offered by the institution.		
1 - Very inferior	6	0.9
2 - Inferior	68	10.1
3 - Good	242	36.1
4 - Very good	208	31.0
5 - Superior	88	13.1
6 - I have had too little experience to make a judgment	59	8.8
26. Career placement services.		
1 - Very inferior	31	4.6
2 - Inferior	84	12.5
3 - Good	177	26.4
4 - Very good	126	18.8
5 - Superior	69	10.3
6 - I have had too little experience to make a judgment	183	27.3
27. Financial aid services.		
1 - Very inferior	22	3.3
2 - Inferior	69	10.3
3 - Good	170	25.4
4 - Very good	129	19.3
5 - Superior	64	9.6
6 - I have had too little experience to make a judgment	214	32.0
28. Intramural opportunities.		
1 - Very inferior	5	0.7
2 - Inferior	30	4.5
3 - Good	181	27.1
4 - Very good	199	29.7
5 - Superior	98	14.6
6 - I have had too little experience to make a judgment	156	23.3
29. Convocation-speaker programs.		
1 - Very inferior	8	1.2
2 - Inferior	58	8.6
3 - Good	209	31.1
4 - Very good	162	24.1
5 - Superior	135	20.1
6 - I have had too little experience to make a judgment	99	14.8

TABLE 2 (continued)

Questionnaire Item	N	%
30. Food services provided by the institution.		
1 - Very inferior	26	3.9
2 - Inferior	92	13.8
3 - Good	270	40.4
4 - Very good	107	16.0
5 - Superior	39	5.8
6 - I have had too little experience to make a judgment	135	20.2
31. Accommodations if you live in a college or university supervised living quarters.		
1 - Very inferior	10	1.7
2 - Inferior	55	9.2
3 - Good	202	33.9
4 - Very good	89	14.9
5 - Superior	33	5.5
6 - I have had too little experience to make a judgment	207	34.7
32. Provisions with regard to health services.		
1 - Very inferior	31	4.6
2 - Inferior	131	19.6
3 - Good	236	35.3
4 - Very good	130	19.4
5 - Superior	61	9.1
6 - I have had too little experience to make a judgment	80	12.0
33. Your major area of study in terms of the number of courses offered or depth of study available.		
1 - Very inferior	13	1.9
2 - Inferior	74	11.0
3 - Good	222	33.1
4 - Very good	215	32.0
5 - Superior	144	21.5
6 - I have had too little experience to make a judgment	3	0.4
34. Your major area of study in terms of the quality of education offered.		
1 - Very inferior	13	1.9
2 - Inferior	71	10.6
3 - Good	217	32.3
4 - Very good	235	35.0
5 - Superior	133	19.8
6 - I have had too little experience to make a judgment	2	0.3

TABLE 2 (continued)

Questionnaire Item	N	%
35. General education (breadth of learning as opposed to your major area of concentration or study).		
1 - Very inferior	5	0.7
2 - Inferior	44	6.6
3 - Good	335	50.0
4 - Very good	216	32.2
5 - Superior	57	8.5
6 - I have had too little experience to make a judgment	13	1.9
36. Opportunities to take electives of personal interest or value.		
1 - Very inferior	16	2.4
2 - Inferior	139	20.7
3 - Good	241	36.0
4 - Very good	188	28.1
5 - Superior	73	10.9
6 - I have had too little experience to make a judgment	13	1.9
37. Opportunity to receive individual assistance with a course.		
1 - Very inferior	12	1.8
2 - Inferior	97	14.4
3 - Good	259	38.5
4 - Very good	199	29.6
5 - Superior	62	9.2
6 - I have had too little experience to make a judgment	43	6.4
38. Degree to which learning was integrated (content of various courses and experiences related to each other).		
1 - Very inferior	6	0.9
2 - Inferior	115	17.2
3 - Good	341	50.9
4 - Very good	163	24.3
5 - Superior	36	5.4
6 - I have had too little experience to make a judgment	9	1.3

TABLE 2 (continued)

Questionnaire Item	N	%
Answer items 39 and 40 using the code following each item.		
39. How would you rate the library holdings for study in your major?		
1 - Very adequate	215	32.3
2 - Adequate	295	44.3
3 - Inadequate	156	23.4
40. How would you rate the library holdings for study in general education?		
1 - Very adequate	252	37.8
2 - Adequate	315	47.2
3 - Inadequate	100	15.0
To what extent do you think each of the following describes the psychological climate or atmosphere at your college or university? Use the code following items 41 to 47.		
41. Intellectual		
1 - Quite descriptive	144	21.4
2 - In between	422	62.8
3 - Not descriptive	106	15.8
42. Snobbish		
1 - Quite descriptive	45	6.7
2 - In between	188	28.0
3 - Not descriptive	438	65.3
43. Social		
1 - Quite descriptive	229	34.1
2 - In between	368	54.8
3 - Not descriptive	75	11.2
44. Practical or realistic		
1 - Quite descriptive	276	41.1
2 - In between	321	47.8
3 - Not descriptive	75	11.2
45. Friendly		
1 - Quite descriptive	373	55.5
2 - In between	255	37.9
3 - Not descriptive	44	6.5
46. Conforming		
1 - Quite descriptive	239	35.6
2 - In between	347	51.6
3 - Not descriptive	86	12.8

TABLE 2 (continued)

Questionnaire Item	N	%
47. Dedicated		
1 - Quite descriptive	150	22.4
2 - In between	429	64.0
3 - Not descriptive	91	13.6
Answer items 48 to 54 as you think it applies to your college or university. Use the code following each item.		
48. The students are under a great deal of pressure to get high grades.		
1 - Definitely true	152	22.6
2 - More true than false	305	45.4
3 - More false than true	177	26.3
4 - Definitely false	38	5.7
49. The student body is apathetic and has little "school spirit."		
1 - Definitely true	152	22.7
2 - More true than false	253	37.8
3 - More false than true	189	28.3
4 - Definitely false	75	11.2
50. Classes are usually run in a very informal manner.		
1 - Definitely true	78	11.7
2 - More true than false	344	51.5
3 - More false than true	213	31.9
4 - Definitely false	33	4.9
51. The faculty are highly competent in their fields.		
1 - Definitely true	160	24.0
2 - More true than false	402	60.3
3 - More false than true	93	13.9
4 - Definitely false	12	1.8
52. Teaching is a low-priority item among faculty.		
1 - Definitely true	28	4.2
2 - More true than false	126	19.1
3 - More false than true	343	52.0
4 - Definitely false	163	24.7

TABLE 2 (continued)

Questionnaire Item	N	%
53. There are frequent "rap sessions" among students about the content of courses.		
1 - Definitely true	168	25.5
2 - More true than false	240	36.4
3 - More false than true	187	28.3
4 - Definitely false	65	9.8
54. Students have no important voice in setting policies which directly affect them.		
1 - Definitely true	100	15.1
2 - More true than false	225	33.9
3 - More false than true	258	38.9
4 - Definitely false	80	12.1
55. Did you have any concern about your ability to finance your college or university education?		
1 - None	184	27.6
2 - Some concern	295	44.3
3 - Major concern	187	28.1
Indicate the contribution of each of the following sources to your expenses for the total time you attended this college or university. Use the code following items 56 to 65.		
56. Parental or family aid		
1 - Major source	347	52.1
2 - Minor source	178	26.7
3 - Not a source	141	21.2
57. Repayable loans		
1 - Major source	157	23.8
2 - Minor source	125	18.9
3 - Not a source	379	57.3
58. Scholarships, grants, gifts		
1 - Major source	85	12.9
2 - Minor source	133	20.2
3 - Not a source	441	66.9
59. Work during school year		
1 - Major source	205	30.9
2 - Minor source	238	35.9
3 - Not a source	220	33.2
60. Summer work		
1 - Major source	341	51.3
2 - Minor source	233	35.0
3 - Not a source	91	13.7

TABLE 2 (continued)

Questionnaire Item	N	%
61. Personal savings		
1 - Major source	175	26.4
2 - Minor source	245	37.0
3 - Not a source	242	36.6
62. Spouse's earnings		
1 - Major source	120	18.5
2 - Minor source	50	7.7
3 - Not a source	479	73.8
63. Veteran's Administration		
1 - Major source	58	8.9
2 - Minor source	11	1.7
3 - Not a source	582	89.4
64. Tuition exemption		
1 - Major source	10	1.5
2 - Minor source	6	0.9
3 - Not a source	633	97.5
65. Other		
1 - Major source	30	5.2
2 - Minor source	26	4.5
3 - Not a source	516	90.2
66. How satisfied have you been with your academic achievement in this college or university?		
1 - Thoroughly dissatisfied	18	2.7
2 - More dissatisfied than satisfied	152	22.7
3 - More satisfied than dissatisfied	379	56.7
4 - Thoroughly satisfied	120	17.9
67. Do you feel that the college or university and its program has provided you with sufficient opportunities for cultural growth and development?		
1 - Yes	540	81.0
2 - No	127	19.0
Which category best describes the preparation you received as a result of your education at your college or university in each of the following areas. Use the code following items 68 to 84.		
68. A broad experience in the humanities.		
1 - Strong	138	20.6
2 - Adequate	362	54.1
3 - Weak	138	20.6
4 - No opinion	31	4.6

TABLE 2 (continued)

Questionnaire Item	N	%
69. Competence in the arts of communication.		
1 - Strong	135	20.2
2 - Adequate	370	55.3
3 - Weak	133	19.9
4 - No opinion	31	4.6
70. Introduction to natural science.		
1 - Strong	177	26.5
2 - Adequate	348	52.0
3 - Weak	98	14.6
4 - No opinion	46	6.9
71. Introduction to social science.		
1 - Strong	172	25.7
2 - Adequate	371	55.5
3 - Weak	91	13.6
4 - No opinion	34	5.1
72. Training in laboratory technique.		
1 - Strong	148	22.1
2 - Adequate	216	32.3
3 - Weak	211	31.5
4 - No opinion	94	14.1
73. Ability to understand and use mathematical concepts.		
1 - Strong	144	21.5
2 - Adequate	258	38.6
3 - Weak	193	28.8
4 - No opinion	74	11.1
74. An awareness of and appreciation for the aesthetic aspects of life.		
1 - Strong	179	26.8
2 - Adequate	293	43.8
3 - Weak	152	22.7
4 - No opinion	45	6.7
75. Motivation and ability to work independently.		
1 - Strong	275	41.1
2 - Adequate	286	42.8
3 - Weak	99	14.8
4 - No opinion	9	1.3

TABLE 2 (continued)

Questionnaire Item	N	%
76. Total development as an individual.		
1 - Strong	200	29.9
2 - Adequate	352	52.6
3 - Weak	86	12.9
4 - No opinion	31	4.6
77. Understanding the role that sciences play in creating and solving human problems.		
1 - Strong	176	26.3
2 - Adequate	306	45.7
3 - Weak	132	19.7
4 - No opinion	55	8.2
78. Understanding the role that social sciences play in creating and solving human problems.		
1 - Strong	178	26.6
2 - Adequate	321	48.1
3 - Weak	129	19.3
4 - No opinion	40	6.0
79. Gaining a theoretical and factual background as preparation for the world of work.		
1 - Strong	179	27.0
2 - Adequate	325	49.1
3 - Weak	131	19.8
4 - No opinion	27	4.1
80. Developing skills and competencies which are needed to perform specific jobs.		
1 - Strong	173	26.2
2 - Adequate	308	46.6
3 - Weak	161	24.4
4 - No opinion	19	2.9
81. Developing a sense of professional identification (membership in some professional or occupational group).		
1 - Strong	217	32.9
2 - Adequate	254	38.5
3 - Weak	155	23.5
4 - No opinion	34	5.2

TABLE 2 (continued)

Questionnaire Item	N	%
82. Understanding yourself (abilities, interests, values, personality characteristics, goals).		
1 - Strong	231	34.9
2 - Adequate	311	47.0
3 - Weak	90	13.6
4 - No opinion	29	4.4
83. Developing interpersonal competencies.		
1 - Strong	143	21.7
2 - Adequate	384	58.4
3 - Weak	80	12.2
4 - No opinion	51	7.8
84. Developing a personal sense of responsibility for reducing social problems or injustices.		
1 - Strong	152	23.0
2 - Adequate	320	48.5
3 - Weak	139	21.1
4 - No opinion	49	7.4
85. Do you feel that the State of Kansas should provide more state aid to support your college or university?		
1 - Yes	610	92.8
2 - No	47	7.2
86. If your answer to question 85 was yes, should aid be given by some formula which takes into account the proportion of Kansans of the total enrolled in your college or university?		
1 - Yes	343	57.0
2 - No	259	43.0
87. Should the State of Kansas provide special funds to reduce student fees for Kansas residents who can demonstrate financial need?		
1 - Yes	537	82.0
2 - No	118	18.0
88. Do you feel that you have had an inspirational teacher in this college or university who was a recognized teacher of excellence in his or her field?		
1 - Yes	592	89.4
2 - No	70	10.6

TABLE 2 (continued)

Questionnaire Item	N	%
89. How would you rate the town and its people (in which your college or university is located) as to friendliness and consideration of students' needs?		
1 - Considerably below average	87	13.1
2 - Somewhat below average	120	18.1
3 - Average	200	30.2
4 - Somewhat above average	160	24.2
5 - Considerably above average	95	14.4
90. If you took your first or second year at this college or university, teaching assistants probably taught some of your courses. How would you rate them in comparison to regular staff members?		
1 - Very inferior	48	7.5
2 - Inferior	139	21.8
3 - Good	222	34.9
4 - Very good	112	17.6
5 - Superior	22	3.5
6 - As far as I know, I never had a teaching assistant for an instructor	94	14.8